

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/054400 A3

(51) International Patent Classification⁷: **A45D 40/26**,
34/00

(21) International Application Number:
PCT/EP2003/013698

(22) International Filing Date: 4 December 2003 (04.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02/15823 13 December 2002 (13.12.2002) FR
60/438,988 10 January 2003 (10.01.2003) US
03/04774 16 April 2003 (16.04.2003) FR

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

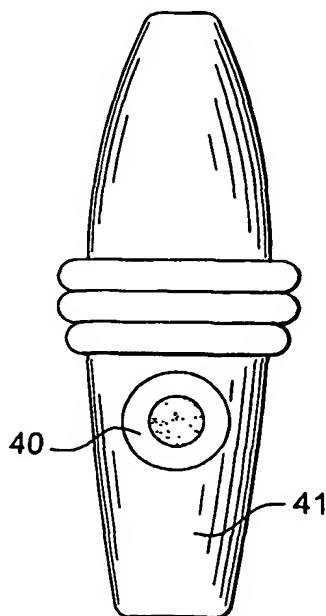
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
14 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MAKE-UP PROCESSES AND PROCESSES FOR APPLICATION OF A SKIN CARE PRODUCT, AND DEVICES USED IN THE IMPLEMENTATION OF SUCH PROCESSES



(57) Abstract: The present invention relates to a process for the application of a cosmetic product (P), including a skin care product, excluding depilatory waxes, this product being contained in a packaging device, the process including the following stages: placing the packaging device in a microwave oven, raising the temperature of the product (P) by exposing it to microwave radiation inside an oven, applying the product by means of an applicator (160). The invention also relates to packaging devices for cosmetic product (P) capable of being heated in a microwave oven.

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INTERNATIONAL SEARCH REPORT

Internat Application No

PCT/EP 03/13698

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A45D40/26 A45D34/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A45D B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 485 730 B1 (GENTRY REBECCA PHILLIPS ET AL) 26 November 2002 (2002-11-26)	1-3, 5-7, 9-19, 21-23, 30, 31
A	column 4, line 11 - line 42; claims 13-16; figures 1, 3, 4	34
Y	GB 2 321 443 A (RECKITT & COLMAN FRANCE) 29 July 1998 (1998-07-29)	1-3, 5-7, 9-19, 21-23, 30, 31
	page 2, line 1 - line 10 page 12, line 7 - page 13, line 10	
A	US 5 674 268 A (RIAZI JOHN) 7 October 1997 (1997-10-07) column 3, line 45 - column 5, line 13; figures 2-4	1, 6, 10, 22, 23, 26
	--- -/-	

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☒ Patent family members are listed in annex.

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Date of the actual completion of the International search

25 June 2004

Date of mailing of the International search report

04/08/2004

Name and mailing address of the ISA

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Internat pplication No
PCT/EP 03/13698

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 786 578 A (PARKER ROBERT ET AL) 28 July 1998 (1998-07-28) cited in the application column 5, line 10 - line 35; figure 2 -----	10-13, 15,16
A	DE 43 12 278 A (MUELLER GERHARD) 20 October 1994 (1994-10-20) cited in the application column 3, line 60 - line 64 -----	1-3,5-7
A	US 5 775 344 A (CLAY MARY A) 7 July 1998 (1998-07-07) cited in the application figures 1,5 -----	1,5,29
A	US 5 980 536 A (JAMALI PARVIN) 9 November 1999 (1999-11-09) column 3, line 49 -column 4, line 13; figure 1 -----	1-4
A	GB 2 273 026 A (WESTON EDWARD JOHN) 1 June 1994 (1994-06-01) page 13, paragraph 1; figure 1 -----	33
A	WO 00/43286 A (BARBESINO CLAUDIO ;ISTITUTO PROFILATTICO (IT)) 27 July 2000 (2000-07-27) cited in the application -----	
A	US 6 616 363 B1 (GUILLAUME BRUNO ET AL) 9 September 2003 (2003-09-09) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.
PCT/EP 03/13698

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6485730	B1	26-11-2002	NONE	
GB 2321443	A	29-07-1998	AU 736748 B2 AU 5329698 A BR 9713774 A CA 2275431 A1 DE 69720063 D1 DE 69720063 T2 EP 0964627 A1 ES 2189990 T3 WO 9827845 A1 NZ 336172 A US 6174319 B1	02-08-2001 17-07-1998 21-03-2000 02-07-1998 24-04-2003 20-11-2003 22-12-1999 16-07-2003 02-07-1998 23-02-2001 16-01-2001
US 5674268	A	07-10-1997	NONE	
US 5786578	A	28-07-1998	NONE	
DE 4312278	A	20-10-1994	DE 4312278 A1	20-10-1994
US 5775344	A	07-07-1998	NONE	
US 5980536	A	09-11-1999	NONE	
GB 2273026	A	01-06-1994	NONE	
WO 0043286	A	27-07-2000	IT MI990084 A1 AU 2128900 A BR 0008893 A CA 2359671 A1 EP 1147056 A1 HU 0105100 A2 WO 0043286 A1 JP 2002535295 T	19-07-2000 07-08-2000 30-10-2001 27-07-2000 24-10-2001 29-04-2002 27-07-2000 22-10-2002
US 6616363	B1	09-09-2003	AT 246648 T AU 755467 B2 AU 3180400 A BR 0009171 A CA 2367276 A1 CN 1344216 T DE 60004335 D1 EP 1163169 A1 ES 2203431 T3 WO 0056631 A1 GB 2347916 A , B JP 2002540016 T PL 350914 A1 ZA 200107665 A	15-08-2003 12-12-2002 09-10-2000 18-12-2001 28-09-2000 10-04-2002 11-09-2003 19-12-2001 16-04-2004 28-09-2000 20-09-2000 26-11-2002 10-02-2003 09-06-2003